

AMENDMENTS TO THE CLAIMS

1. (PREVIOUSLY PRESENTED) A method of managing overwrite on an optical disc, comprising:

writing replacement-recording data which is requested to be overwritten in a specified area of the disc where recording is completed in another data area separated from the specified area in the disc; and

recording management information for managing the replacement-recorded data, wherein the management information includes two entries,

the first entry includes start address information of the specified area requested to be overwritten and start address information of the replacement-recorded area, and

the second entry includes end address information of the specified area requested to be overwritten and end address information of the replacement-recorded area.

2. (ORIGINAL) The method of claim 1, wherein the data requested to be overwritten is replacement-recorded before an outer spare area among the data area of the disc.

3. (ORIGINAL) The method of claim 1, wherein the data which is requested to be overwritten is consecutively replacement-recorded after a final data recording position among the data area of the disc.

4. (ORIGINAL) The method of claim 1, wherein the data which is requested to be overwritten is replacement-recorded in an overwrite area separately allocated in the data area of the disc.

5. (ORIGINAL) The method of claim 1, wherein the data which is requested to be overwritten is replacement-recorded in a spare area of the disc.

6-7. (CANCELED)

8. (PREVIOUSLY PRESENTED) The method of claim 1, wherein the management information is recorded in a temporary defect management area of the disc.

9-19. (CANCELED)

20. (CURRENTLY AMENDED) An apparatus for recording/reproducing an optical disc, comprising:

a recording/reproducing device for recording data in a replacement area of a data area and recording management information regarding the replacement recording data if an area which is requested to be written is an area where the recording is completed,

wherein the management information includes two entries,

the first entry includes start address information of the ~~specified~~-area requested to be overwritten and start address information of the replacement area, and

the second entry includes end address information of the ~~specified~~-area requested to be overwritten and end address information of the replacement area.

21. (CURRENTLY AMENDED) A computer-readable recording medium comprising:  
a data area including an area being usable as a replacement area; and  
at least one management area for storing management information,  
wherein the management information includes two entries,  
the first entry includes start address information of an original area and start address information of the replacement area,  
the second entry includes end address information of the original area and end address information of the replacement area, and  
the original area is an area of the data area which is requested to be overwritten.

22. (PREVIOUSLY PRESENTED) The recording medium of claim 21, wherein the recording medium is a write once optical disc.

23. (PREVIOUSLY PRESENTED) The method according to claim 1, wherein the second entry immediately follows the first entry.

24. (PREVIOUSLY PRESENTED) The method according to claim 1, wherein the start address information and the end address information include first physical sector numbers (first PSNs).

25. (PREVIOUSLY PRESENTED) The method according to claim 1, wherein the management information further includes status information indicating a type of each of the first and second entries.

26. (PREVIOUSLY PRESENTED) The apparatus according to claim 20, wherein the second entry immediately follows the first entry.

27. (PREVIOUSLY PRESENTED) The apparatus according to claim 20, wherein the start address information and the end address information include first physical sector numbers (first PSNs).

28. (PREVIOUSLY PRESENTED) The apparatus according to claim 20, wherein the management information further includes status information indicating a type of each of the first and second entries.

29. (PREVIOUSLY PRESENTED) The recording medium according to claim 21, wherein the second entry immediately follows the first entry.

30. (PREVIOUSLY PRESENTED) The recording medium according to claim 21, wherein the start address information and the end address information include first physical sector numbers (first PSNs).

31. (PREVIOUSLY PRESENTED) The recording medium according to claim 21, wherein the management information further includes status information indicating a type of each of the first and second entries.

32. (New) The method of claim 1, wherein the first and second entries are arranged so that the second entry immediately follows the first entry when a sorting is applied to the management information.

33. (New) The apparatus of claim 20, wherein the recording/reproducing device arranges the first and second entries so that the second entry immediately follows the first entry when a sorting is applied to the management information.

34. (New) The recording medium of claim 21, wherein the first and second entries are arranged so that the second entry immediately follows the first entry when a sorting is applied to the management information.